Style "N-2"
Color Light Dwarf Signal
with Relay Case

S·I·S·
No. 165

Union Switch & Signal Co.
Swissvale, Pa.
Rotoprinted IN U.S.A.

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Subject: Style "N-2" Color Light Dwarf Signal with Relay Case	Sales Information Sheet
	Number: 165
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	3 Sheets

This new Style "N-2" Two-Color Light Signal provides an interesting departure from the usual design of color light dwarf signals. Its novel feature makes it especially applicable to highly congested terminal interlockings. As will be noted in Fig. 1, the signal case is of special construction having an extra compartment at the rear to house a transformer and signal control relay. The principal advantage of this feature is the concentration of all equipment pertaining to the signal in one housing. This simplifies maintenance, eliminates relay cases and reduces the amount of cable runs.

The lens units in the front of the case are the same as those used in the standard Style "N-2" Color Light Signal. They are equipped with bayonet type sockets and adapters may be furnished when candelabra bayonet based bulbs are used. Access to the lamp assemblies is gained by removing the side cover.

A three-quarter inch wood partition separates the lamp units from the relay case. All four corners of the board are cut off and it is held in place by two fillister head machine screws. It also serves for the wall-mounting of the relay and transformer or other small equipment in the relay compartment.

Wires or cables are carried in through a hole, which is

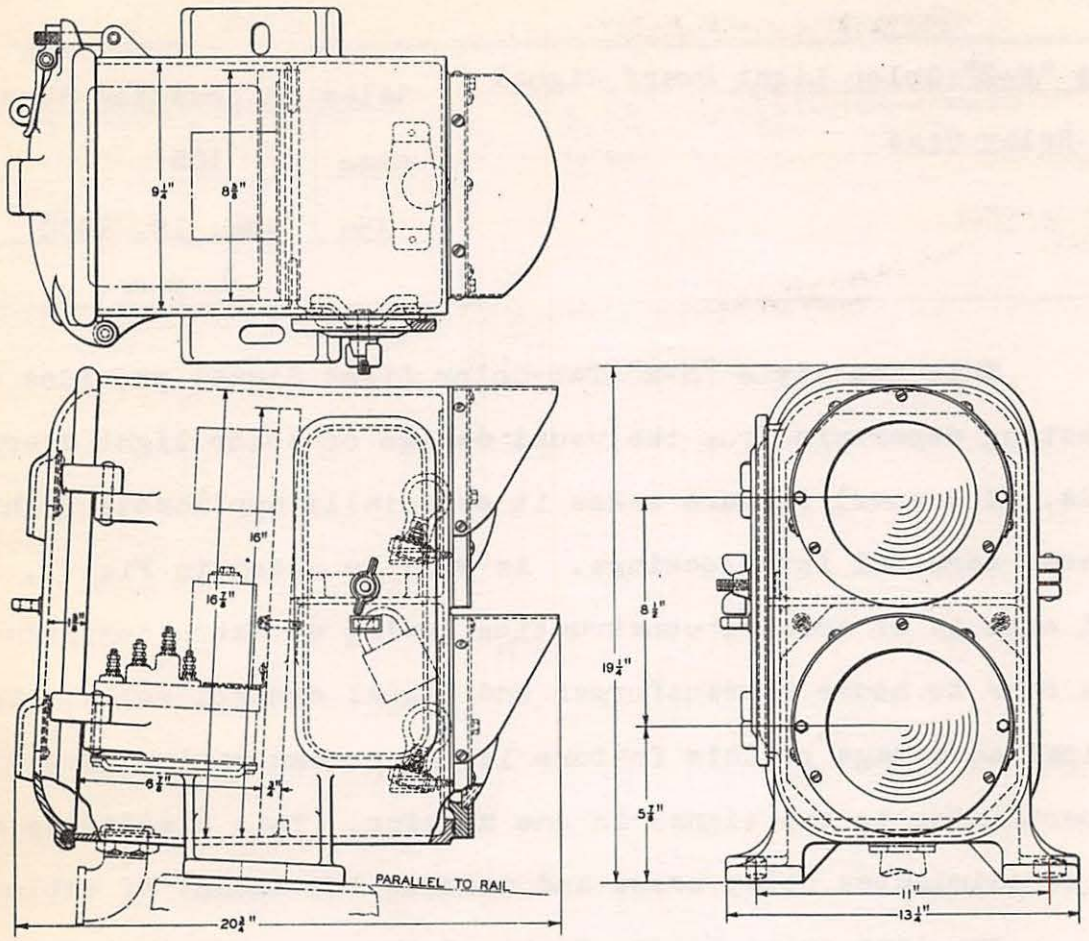

Fig. 1.....Style "N-2" Color Light Dwarf Signal with Relay Case. Rear compartment easily houses a relay as large as the six-point "Union" Style "DN-11".

suitable for attaching a conduit fitting, provided in the bottom of the relay case. Wires to the upper and lower lamp units are run between the corners of the case and the board partition.

Although a four-point relay will be more commonly used, the relay case easily houses, as illustrated in Fig. 1, a relay as large as the six-point Union Style "DN-11" which measures 8" high, 7 5/8" wide and 6 1/4" deep. This leaves space above the relay for mounting a transformer or other small equipment.

Two bolts are used to fasten the signal to its foundation.

These bolts slip through two elongated holes located in the base as shown in the top view of Fig. 1 so that a small horizontal adjustment of the signal is possible. The signal is also tilted upwards to afford a close-up indication from the engine cab.

H H Cadwallader
8/20/30